



THESE Y-12 EMPLOYEES IN THE FOUNDRY SHOP HAVE worked almost 15 years without the occurrence of a disabling injury in their department. From left are Foreman W. H. Donahue, W. A. Crabtree, H. M. Jenkins, J. E. Gryder, C. Tharp, I. O. Keller, J. H. Lauderdale, and J. C. Daniels. Absent when the picture was taken was B. P. Parteka.

Y-12 Employees In Foundry Shop Have Safety Record 15 Years Old

Unbroken String Of Accident-Free Hours Began In 1943; Result Of Combined Effort

A spectacular display of the combined efforts of all the employees in the Foundry Shop of the Mechanical Operations Division has resulted in a safety record of 14 years and 293 days, as of Wednesday, July 9, worked without a disabling injury in that department. The accident-free time has been calculated since the shop first went into operation on September 20, 1943. Most of the present members of the Foundry Shop have worked there during the almost 15 years that the shop has been in operation. According to records of the Y-12 Safety Department the Foundry Shop has functioned longer than any shop in the Y-12 Plant without a disabling injury occurring.

At present there are nine employees in the shop, including Foreman W. H. Donahue, and without the complete cooperation of each one of them this safety record could not have been reached. The Y-12ers in the foundry are involved in very complex work where there is a possibility of almost every type of accident occurring.

Foundry Work Complex

The functions of the shop include the pouring of castings of various types of metals such as bronze, brass, lead, zinc, iron and aluminum. This metal is poured from crucibles into molds when it reaches an extremely high temperature and great care must be exercised in order to prevent burns from occurring. Sand and steel grit blasting of various pieces of metal is done when a rough surface is required. During the blasting process safety glasses, fresh air hoods and gloves are the articles of safety equipment used to help prevent injuries resulting from the tiny particles that blast the metal.

All of the heat treating of steel for the Y-12 Plant, as well as some treating for Oak Ridge National Laboratory and Oak Ridge Gaseous Diffusion Plant, is done in the Foundry Shop. Heat treating of steel includes tempering, annealing and stress relieving, all of which are difficult to perform and care and safety precautions must

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Safety Items To Be Displayed At All Portals

The 18 items to be chosen by Y-12 employees for the completion of the Union Carbide Corporation 22nd Safety Period will remain on display at the portals and at the Cafeteria for the remainder of this week. The portals and the dates that the prizes will be displayed are East, July 18; North, July 17; Central, July 16; Bear Creek, July 19.

The Safety Award selection cards were passed out last week and all Y-12 employees are urged to fill them out properly and return them to the Safety Department as soon as possible. The deadline for Y-12ers to make their selections and turn the cards in will be next Wednesday, July 23. The Safety Department urges all employees to take extreme care in marking the cards and to be certain that only one item is designated. It is also noted that the cards must be signed and that the portal where the item is to be picked up should be marked clearly.

Physics Seminar Meets At ORNL Friday, July 18

The Physics Division Seminar of Oak Ridge National Laboratory will be held Friday, July 18, at 3:15 p.m. in the auditorium of Bldg. 4500. The subject for the seminar will be "Inelastic Neutron Scattering by Ferromagnetic and Antiferromagnetic Substances."

Dr. A. W. Saenz, a member of the Naval Research Laboratory who is now a summer visitor at ORNL, will be the speaker.

DRIVERS HELD RESPONSIBLE

Driver error accounted for the vast majority of traffic accidents last year, with excessive speeding being the greatest single error. A total of 13,200 died and 837,000 were injured in speeding accidents alone.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
17 Days Or
530,000 Man-Hours
(Unofficial Estimate)
Without A Disabling Injury
Through July 13
Phone 7755
For Daily Report
On Accident-Free Hours

Super Highway Safety Urged On Vacations

Great Speed Causes Most Of The Accidents

Vacation time for many Y-12ers is in full summer swing and quite a few plant employees will be taking long trips throughout the country. In many places super-highways have replaced the ordinary two lane roads, but driver caution should be increased on these highways rather than lessened. The following article contains some tips for Y-12 drivers as they take advantage of the new highways in surrounding areas.

Superhighways are not the accident cure-all their enthusiastic early supporters claimed they were, because even the best road can't overcome driver error. However, you can avoid trouble on your travels and enjoy wonderful

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THIS BLAZING SIGN signifies the period of time worked without a disabling injury in the Foundry.

Jail House—Rock, Good Name For Kentucky Town Hoosegow As Well As For Rock 'n Roll Song; Escapes Are Minimum

Jail house—rock!

That's the title of a rock'n roll composition recently featured by a well-known exponent of such so-called music and now a not-so-well-known employee of Uncle Sam's Army.

Jail house—rock also could be a fitting name for a sturdily-constructed hoosegow located in the bustling little city of Franklin, Ky., from which hails Carl Brewster, of the Y-12 Medical Department whose principal hobbies are amateur photography, pistol and rifle shooting.

Several months ago Brewster entered a snapshot of the really unusual jail in the Y-12 Weekly Photographic Contest and related some facts about the building that are worthy of a brief description. Seems as how—"you can't hardly find one of them kind around anymore."

In the first place, the Franklin jail (still in use) was built back



in 1879. Solid granite slabs were used in the construction, each reported to weigh more than one ton. The slabs are about 15 to 18 inches wide, two and one-half feet thick and four to five feet tall.

As shown by the accompanying picture, the jail windows are ex-

tremely narrow and instead of conventional vertical bars the windows have just one steel strap bar stretching horizontally across them. This was deemed sufficient to prevent jail breaks.

In fact, Brewster says, only one person ever is believed to have broken out of the institution. Franklin legend has it that this culprit sawed one of the horizontal bars in two and slipped through the narrow opening for the lone escapee. In one other instance a band of three inmates saved up enough salt and pepper from their daily rations to hurl into the eyes of a jailer, from whom the jail keys were stolen to let the men flee. However, they were soon captured.

Because of its unusual design and lasting type of construction, the Franklin jail is quite a curiosity spot for visitors to the little Kentucky town—and from appearances it will last a long, long time.



D. W. Harrigan

D. W. Harrigan Made Shift Superintendent

Joined Union Carbide Organization In 1934

D. W. Harrigan, formerly Office Manager in the Finance and Materials Division, has recently been assigned to the position of a Plant Shift Superintendent. Harrigan first joined the Carbide organization at the South Charleston, W. Va., plant in 1934, as a member of the Purchasing Department. He transferred to the Construction Cost Office and later to the Payroll Department while at South Charleston.

The Carbide employee of 24 years first came to Oak Ridge as a member of the Payroll Department at the Oak Ridge Gaseous Diffusion Plant in March of 1944. When Carbide assumed operation of the Y-12 Plant in 1947, Harrigan was transferred to Y-12 as Assistant Office Manager. In 1948 he was transferred to Oak Ridge National Laboratory as Office Manager, the position he assumed when he came back to Y-12 in July, 1954.

Harrigan attended public schools in St. Louis, Mo., his hometown, and South Charleston prior to joining the Carbide organization. At the present time the Y-12er and his family reside at 150 East Passmore Road in Oak Ridge.

The Bulletin

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GEORGE W. DOBBS . . . Editor

OFFICE
Post Office Box Y
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Bldg. 9704-2 Room 228
Telephone 7751



Mr. and Mrs. H. W. Kirkland
YATER-KIRKLAND

Miss Dorothy Anne Yater, the daughter of Mr. and Mrs. Roy L. Yater, Newport, Tenn., was married at 4 p.m., Saturday afternoon, June 21, to Hoyt Wesley Kirkland, of the Y-12 Process Maintenance Department. The ceremony was conducted at the First Methodist Church at Newport with the Reverend C. A. Brabston officiating. The groom is the son of Mr. and Mrs. Marshall Kirkland, Tellico Plains, Tenn.

The bride chose a dress of white taffeta and chantilly lace and her jeweled half hat was adorned with a short veil. She also wore chantilly lace mitts. The bride chose as her flowers a combination of stephanotis, carnations and orchids.

Mrs. Lemmy Wilson, sister of the bride, Knoxville, wore an aqua taffeta dress and carried a bouquet of American Beauty roses and ivy. Other attendants were Miss Alice Yater, the bride's sister, of Newport; Miss Joanne Watson, of Gatlinburg; and Mrs. Curtis Pendergrass, of Knoxville. Mrs. Walter Rice, of Indianapolis, Ind., was organist for the ceremony.

The best man was Curtis Pendergrass, of Knoxville. Other attendants of the groom were Lemmy Wilson, Knoxville; R. E. Wallace, Process Maintenance; and Edward Elliott, Alpha Five Cascade Operations.

The bride attended Maryville College for three years and received her B.S. degree in business administration from the University of Tennessee. The couple will reside in Knoxville.

DELECTABLE DISHES FEATURED ON SPECIALS

Delectable entrees will be featured on the menu for the 50-cent Special Lunches to be served at the Y-12 Cafeteria tomorrow, Thursday, July 17, and next Tuesday, July 22. The entree for tomorrow's Special Lunch will be smoked beef tongue with raisin sauce. On next Tuesday the main course will be Spanish rice with meat balls. Each Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.



No word from the Colyum Conductor on the trip to Daytona yet. We all hope that he hasn't gotten too much sun or anything else. So next week the stand-in, utility man or what have you, will turn the reins of the Colyum and The Bulletin over to the capable hands of George Dobbs. Let's catch up on all the news for the CC's return beginning with . . .

MECHANICAL OPERATIONS

Vacationers from the Forming Department include W. T. Carey and family who were visiting in Michigan last week . . . R. R. Stokes is sunning in Florida . . . C. A. Slaughter is also bouncing around the Sunshine State . . . C. A. Crutchfield is doing some fishing on his vacation.

Seems as though most everyone in the Sunflower Shop is, or has been vacationing lately — J. L. Henry is vacationing in Miami . . . L. R. Benker is in Cleveland, Tenn. . . W. A. Norman is catching up on his fishing while on vacation. . . C. M. King is in Daytona . . . C. C. Shipley is in the Smokies. . . M. J. Kilgore is in Virginia . . . C. W. Riding is in Miami . . . F. J. Womack is staying at home while on vacation . . . B. Rankin is doing likewise . . . R. T. Day is helping hold a revival by leading the singing at Crossville, Tenn. . . D. C. Bonifacius hopes the stork will get to his house this week while on vacation . . . P. R. Blackwell went to Florida . . . E. Plemens went on a tour of the state of Tennessee . . . C. E. Rickman and T. M. Morgan failed to give their destination.

Florida seems to be a very popular place for employees of the Production Control Department—returning from vacation in the Sunshine State are K. O. Pearson and Harold Babb . . . R. G. Spurling and W. Z. Trimble are also enjoying the beaches this week. . . A glad-to-have-you-with-us is extended to newcomer Kollene Gentry . . . Our heartiest get well wishes are extended to T. B. Caldwell's mother who fell and fractured her hip . . . Jack Thompson returned from vacation in the north where he visited with relatives.

Word has it from Tool Grinding and Machine Maintenance Department that O. W. Breedlove spent last week and this showing his daughter, who is visiting from Seattle, Wash., the TVA lakes, Smokies, and other parts of Tennessee . . . A. L. Hensley spent last week and this staying around the house at Knoxville and resting up . . . T. A. Sedden returned from two weeks at home in Knoxville . . . R. A. Guy returned from one week resting at home in Knoxville and working in his garden. . . R. E. Humphries spent last week and this fishing in St. Petersburg, Fla. . . V. C. Hallmark returned from one week in New Orleans, La. . . D. M. Hensley spent last week in Florida . . . F. E. Morgan, K. E. Tilley, and H. L. Ashburn spent one week staying around home . . . E. W. Phelps returned from one week vacation. . . A. S. Ruzowski and W. P. Carroll spent last week and this on vacation—destination unknown. . . A. A. Curtis, S. T. Crisp, J. W. Clark, M. S. Baker, H. Cole—destination unknown . . . Welcome back to W. B. Rutherford from two weeks military duty . . . Get well wishes go to J. H. Oldham, C. F. Charpie, both of whom are ill . . . R. W. Curtis also moseyed off on a vacation last week—spent one day in Chattanooga and the rest of the time in Harriman and picnicking with the chiggers in Roane County Park.

The Sunflower Foundry reports that R. H. Ford and family vacationed recently in Alabama and Florida . . . W. H. Lynch vacationed last week in Texas . . . J. C. Dement recently spent his vacation in Panama City . . . C. T.

Bunch left without giving his destination.

Vacationers in the General Machine Shop include J. W. Bridges who is off to Miami and Nassau. . . A. O. Roberts was in Portsmouth, Va., and Virginia Beach last week visiting relatives . . . E. M. Neal visited relatives in Georgia while on vacation last week . . . Clarence McClain spent his week's vacation at home in Knoxville . . . Paul E. Woody is visiting relatives in Tampa . . . Also visiting relatives down Georgia and Alabama way is J. H. Whatley . . . O. K. Sergeant vacationed at home in Oak Ridge last week . . . J. E. Hargis spent a week in Boone, N. C., recently . . . Hall Trivett is over in Banner Elk, N.C., visiting relatives . . . T. M. Akers spent his vacation in Virginia . . . L. B. Gillis went camping and fishing in West Tennessee over the Fourth . . . Cliff Herrell is resting up at home in Karns this week . . . Deepest sympathy is extended to J. R. Gresham whose father-in-law passed away recently and to E. R. Easterday on the passing of his mother-in-law. . . Vacationing with destinations unknown are J. N. Brewer and T. A. Keith . . . Proud Pop of the week is Solon D. Peters who is the father of a baby girl, weighing eight pounds and one ounce, named Sheree Arleen.

ALLOY

Alpha Five Cascade Operations reports the C. E. Miller family visited in Cleveland, O. . . H. R. Floyd—destination unknown but probably the U-T campus . . . H. G. Thornton was visiting in Cleveland, Ohio, and Baltimore, Md. . . J. L. Young and L. E. Richardson were at home in Powell and Lake City, respectively . . . Get well wishes are sent to D. W. Davis who is in Oak Ridge Hospital.

FINANCE AND MATERIALS

Tom Harvey of Quality Control Department vacationed at home here in Oak Ridge, and Middle Tennessee . . . Good luck to Pearl Youngblood who recently resigned.

Tabulation Service's Mary Thompson had a nice vacation at Daytona Beach last week . . . Rodney Von Gruenigen and his wife spent a recent weekend in Corbin, Ky. . . Regina Camp joined the wagon train to Murphy, N. C., last week . . . Loyd Wyatt and his wife vacationed recently in Crossville, Tenn. . . Jim Anderson has left the wilds of Blount County to become a resident of Oak Ridge.

SS Control Department reported that Bertha Crowder spent Independence Day weekend in Kentucky . . . Bill Holbert is vacationing in Knoxville . . . Ruby O'Kain and family vacationed in Daytona and Miami . . . Madeline Franklin entertained friends from Dayton, Ohio, recently.

Word has it that Jo Carter in the Receiving and Shipping Department spent her vacation in Ft. Myers, Florida . . . J. R. Rutter is touring Paducah, Lexington and Morganfield, Ky. . . L. Acres and E. Bailey are vacationing at home, Clinton and LaFollette, Tenn., respectively.

From the Materials Department we have C. W. Stegall spending a week of vacation at his home in Kingston, resting and taking life easy . . . J. R. Bayless and wife spent a week at Macon, Ga., visiting relatives . . . Also visiting relatives were Lucia Shults and husband of the Guard Department who spent the 4th of July in Greenville and Easley, S. C. . . Sandra Tiller spent a week's vacation on a camping trip out in the wilds of East Tennessee, fishing, swimming, and having a big time.

Congratulations to Leonard Whitten of Production Inspection Department who is the proud father of a six pound and 13 ounce

Meet The Press



MECHANICAL OPERATIONS Division departments are represented by these reporters. From left in each row, at top are Jane Harvey, Forming; and Roy Monger, Alloy Shop; second row, M. M. Dickens, Production Control; and Mavis Koons, Beta Four Heavy Machine Shop; third row, Kathleen Milligan, General Machine Shop; and R. W. Curtis, Tool Grinding and Machine Maintenance; bottom row, Tim Watt, Sunflower Shop; and G. W. Sharp, Graphite Shop and Sunflower Foundry.

baby girl born at Oak Ridge Hospital on July 7.

Janice Hildebrand of the Plant Records Department was vacationing in Kingsport and Memphis, Tenn., last week . . . Bill Everett is a proud father of a big boy born at the Oak Ridge Hospital.

SHIFT SUPERINTENDENTS AND GENERAL UTILITIES

Shift Superintendent W. S. Porter vacationed around home last week . . . H. D. Duncan vacationed over about Nashville recently . . . G. M. Everitt of the Utilities Department is vacationing for two weeks—plans to spend some time in Georgia.

CHEMICAL

The Chemical Department reports that J. C. Fox and F. D. Marler were vacationing last week but didn't leave word where they were going . . . W. L. Boutwell was vacationing in Mississippi . . . R. J. McAlister spent his vacation at home in Oak Ridge . . . W. E. Spraker and T. P. Pride left with destinations unknown . . . P. B. Petretzky and family enjoyed a camping trip over the Fourth . . . June Sherrill spent her vacation at home in Oak Ridge . . . J. E. Richardson visited Detroit and Canada while on vacation . . . Those who didn't stay home over the Fourth include O. R. Weldon who went to the Smokies . . . W. B. Crowder flew to Myrtle Beach . . . J. T. Waters went to Camden, Tenn. . . Mabel Butler and husband visited Lexington . . . H. R. Swallows journeyed to Barberton, Ohio . . . M. N. Burkhalter participated in the boat show in Morristown . . . B. I. V. Bailey camped out at Watts Bar Dam . . . H. S. Wade had relatives visiting

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Children Of Y-12ers Attend Air Meeting

Summer Encampment Held At Sewart AFB

Four Civil Air Patrol Cadets from the Oak Ridge Composite Squadron, along with two Senior Advisers, are attending the annual Civil Air Patrol Cadet Summer Encampment at Sewart Air Force Base. Of these, three are members of Y-12 families.

Cadet First Lieutenant Elizabeth Sewell, daughter of John Sewell of Mechanical Operations; Cadet First Sgt. Jimmy Arrington, son of Jim Arrington of Chemicals; and Cadet A/2C Jerome Norton, son of Frank Norton of Mechanical Operations, left July 8 for the 11-day encampment.

The encampment is the highlight of the summer activities for the Civil Air Patrol cadets. They not only meet cadets from other parts of the Tennessee Wing, but also the Kentucky Wing, as the two wings hold a joint encampment.

While at Sewart, the cadets will receive academic and vocational training in many basic phases of aviation and the important part it plays in our present air age. Orientation flights in the "H-21 Helicopters" and the "C-130 Hercules" will be provided. All facilities are made available to the young people, who range in age from 14-18, by the Air Force.

As junior members of Civil Air Patrol, which is the official civilian auxiliary to the United States Air Force, the cadets voluntarily subscribe to a three-year aviation education training course of which the encampment is a part.

Transportation to and from the encampment is provided in a "C-123 Provider" from the 513th Troop Carrier Wing at Sewart AFB. The group will return to Oak Ridge on July 19.

Y-12ers With 15, 10 Years Company Service

Congratulations are extended to the following Y-12 employees who will complete 15 or 10 years of Company Service within the next few days.

15 YEARS

Ester M. Moody, Engineering, July 16.

Arnold H. Norman, Steam Plant, July 17.

Gentry L. Underwood, Project Engineering, July 19.

Raymond Ledford, Guard, July 19.

Newton A. Stone, Research Services, July 19.

Dora I. Whaley, Special Testing, July 19.

Bessie M. Phillips, Product Processing, July 19.

Martha I. Beals, Product Processing, July 19.

Elizabeth S. Harris, Product Processing, July 21.

10 YEARS

Mary N. Dinsmore, Laboratory Operations, July 19.

Harold R. Bailey, Electrical Maintenance, July 20.



Get well wishes are sent to the following Y-12 employees who were patients in the Oak Ridge Hospital last week:

J. C. Bishop, TW Shop; F. W. Hughes and S. H. Sexton, Process Maintenance; L. K. Flynn and J. K. Robinson, Buildings and Grounds; W. Galyon, Mechanical Engineering; Shirley Murray, Design and composition; R. E. Baxter, Research Services; H. M. Chumley, Mechanical Department; L. E. Stutts, Chemical; J. T. White, Utilities.

B Shifters Top Engineers 8-6

Second Round Opens With Tie For First Place

The Reactors trounced the Whiz Kids for a 15-3 victory in the Y-12 Softball League last week as the second round of play opened. The B Shift team scored two runs in top of the ninth inning to break a tie with the Engineers and win 8 to 6.

Reactor pitcher Chandler held the Whiz Kids to four hits and struck out eight in racking up the victory. Whiz Kid twirler Monsey allowed 13 hits in taking credit for the loss. B Shift pitcher Dick gave up eight scattered hits in gaining the win from the Engineers. Engineer moundster Spradlen struck out 17 batters, but gave up six hits in the wrong places to go down in defeat.

Line scores and league standing follows:

Team	R	H	E
Reactors	017	07x	x-15 13 0
Whiz Kids	000	12x	x-3 4 0
Batteries: Reactors, Chandler and Smith.			
Whiz Kids, Monsey and Collins.			
B Shift	230	000	102-8 6 3
Engineers	002	031	000-6 8 3
Batteries: B Shift, Dick and Smith. Engineers, Spradlen and Pollard.			

Team	W	L
Reactors	1	0
B Shift	1	0
Cubs	0	0
Early Birds	0	0
Engineers	0	1
Whiz Kids	0	1

Hart-Zupan Win 2 In Horseshoe Loop

Dunlap and Stanlev remained in possession of first place in the Y-12 Horseshoe League last week despite a two-point loss to the Hart-Zupan team. The Beckett-Smith duo won two out of three points from Hilton-Hackett, while Kendig-Coley won two points from Horton-Vermillion.

League standing follows:

Team	W	L
Dunlap-Stanley	10	2
Hart-Zupan	9	3
Beckett-Smith	7	5
Kendig-Coley	5	7
Hilton-Hackett	3	9
Vermillion-Horton	2	10



THESE BABY SHOES in the picture above, taken by Roy Monger, Alloy Shop, won first place in the Y-12 Weekly Photographic Contest for the week ending July 3.



IT'S TOO COLD for boating at the boat dock picture above in a shot taken by A. H. True, Electrical Engineering. The picture won second place in the Y-12 Weekly Photographic Contest.



THIS WHOPPIN' walleye pike was caught recently below Watts Bar Dam by O. H. Cunningham, Sunflower Shop, on a Baltimore minnow. The walleye has been entered in the Y-12 Annual Fishing Contest.

Experts Tie For Top In Y-12 Pistol Loop

The Experts defeated the Sharpshooters in the Y-12 Pistol League last week to gain a tie with the 'Shooters for first place. The Experts won by scores of 226 to 224 scratch and 283.994 to 274.114 handicap. The other match of the week saw the Marksmen top the Masters by 273 to 252 scratch and 292.508 to 285.029 handicap. T. J. Bush was high scorer with a 273 scratch and a 292.508 handicap. J. H. Rowan fired a 252 scratch and a 285.029 handicap for second place in the scoring.

League standing follows:

Team	W	L
Experts	8	4
Sharpshooters	8	4
Marksmen	6	6
Masters	2	10

Two Tie For First In Tennis Singles

Campbell and Christman posted victories last week in the Y-12 Men's Tennis Singles to tie for first place in the standings. Campbell topped Robinson 6-2, 7-5 and 6-4, while Christman won from Fischer 6-0 and 6-1. Robinson beat Horton 6-3 and 6-4, Perry won from Harper 6-0, 3-6 and 8-6, Laggis beat Kuhn 6-2 and 6-1, Christman topped Kuhn 6-4 and 6-0 and Perry won from Horton 6-3 and 6-2 in other matches played during the week.

League standing follows:

Team	W	L
Campbell	4	0
Christman	4	0
Laggis	2	2
Robinson	2	1
Perry	2	2
Kuhn	1	2
Caudill	1	2
Horton	1	3
Rekemeyer	0	1
Fischer	0	2
Scheehan	0	2
Harper	0	2

C Shifters Picnic Thursday, July 24

Y-12 members of the C Shift will meet at Big Ridge State Park, Thursday, July 24, for a picnic. The picnic will be highlighted by a softball game which pits the Alloy Aces, coached by C. E. Stooksbury, against the East End All Stars, coached by C. A. Hall. The game will begin at 4 p.m. and the losers will row the winners once around the lake. Free food and drinks will be served.

BAKELITE NAMES ROBERTS

Bakelite Company, Union Carbide Corporation, has appointed Frederick H. Roberts as Vice President-Research. Dr. Roberts joined the Chemicals Company of UCC in 1934 and since 1955 he has been director of research for Bakelite at Bloomfield, N. J.

Burrus-Sawyer Keep Loop Lead

Brice Burrus and Al Sawyer held on to their lead in the Whittle Springs Golf League despite a two-point loss to Bishop-Erwin last week. Perry-Leach shortened the gap between the first and second slots by posting a two-point victory over the Hilton-Peterson duo. Huskisson-Loy moved into third place with a three-point forfeit win over Hudson-Yelton. Galle-Bailey took two and one-half points from Hackett - Petretzky, while Kovach-Breman topped the Emery-Brockmeier team by the same margin. Trebilcox - Butler took two points from Rice-Norris and Troutman-Cook posted a two-point win over Schappel brothers.

In individual scoring Miller, a substitute for Erwin, shot a 37 for low scratch and lowered it seven strokes to 30 for low handicap. The team of Perry-Leach fired 83 strokes for low team scratch and Trebilcox-Butler shot low team handicap with 71.

League standing follows:

Team	W	L
Burrus-Sawyer	27 1/2	8 1/2
Perry-Leach	26	10
Huskisson-Loy	25 1/2	10 1/2
Hackett-Petretzky	23 1/2	12 1/2
Galle-Bailey	23 1/2	12 1/2
Troutman-Cook	20 1/2	15 1/2
Kovach-Breman	18	18
Emery-Brockmeier	17 1/2	18 1/2
Trebilcox-Butler	16	20
Hilton-Peterson	16	20
Rice-Norris	13	23
Schappel-Schappel	12 1/2	23 1/2
Bishop-Erwin	12 1/2	23 1/2
Hudson-Yelton	0	36

Gambill, Hamby Widen OR Golf Lead

Ed Gambill and Newt Hamby widened their margin over the second place team in the Oak Ridge Golf League last week as they scored a five-point triumph over Mitchel-Tibbatts. Kahley-Evans held on to second place despite an even split with Boyd-Oliphant. Emlet - Hines climbed back into third place in the standings with a four-point victory over Bartholomew-Smith. Holzkecht-Peckman topped McLendon - Mee for four points, and other four-point wins were posted by Whitehorn-Brown over Speas-Cabe, Underwood - Shatley over Youngblood-Gilcrease, Orrison-Thomson over Hopkins - Belvin, Wallace-Patterson over Dehoney-Buckminster and Davis-Arrowood over Oxford - Collins. True - Kennedy whitewashed Ratjen - Snyder as Taylor-Lockhart blanked Stroud-Tiller and Anderson-Nichols took six points from Pletz-Roberts.

Frank Kennedy fired a par 36 for the low scratch score. Bill Belvin netted 30 strokes after handicap for the low handicap mark.

League standing follows:

Team	W	L
Gambill-Hamby	52	20
Kahley-Evans	49	29
Emlet-Hines	47	31
McLendon-Mee	46	32
Speas-Cabe	46	32
Boyd-Oliphant	46	32
Underwood-Shatley	46	32
True-Kennedy	45	33
Orrison-Thomson	44	34
Holzkecht-Peckman	43	35
Stroud-Tiller	41	37
Bartholomew-Smith	41	37
Dehoney-Buckminster	41	37
Anderson-Nichols	41	37
Mitchel-Tibbatts	35	43
Ratjen-Snyder	34	44
Pletz-Roberts	34	44
Oxford-Collins	34	44
Whitehorn-Brown	34	44
Davis-Arrowood	33	45
Wallace-Patterson	30	48
Taylor-Lockhart	26	52
Hopkins-Belvin	21	57
Youngblood-Gilcrease	21	57

B Shift Families Will Picnic July 23

Y-12 members of the B Shift and their families will enjoy a picnic at Roane County Park, on Wednesday, July 23, from 10 a.m. in the morning throughout the remainder of the day. Drinks for the event will be furnished, although each family is asked to bring their own picnic lunch to spread together. An ice chest will be awarded as a door prize.



LET'S TEE OFF! says R. P. Wallace and J. M. Patterson, members of the Oak Ridge Golf League, as they prepare to match strokes with an opposing team on the Oak Ridge Golf and Country Club course.

Broken Nochs Win First Round Of Play In Archery League

The Broken Nochs added one point to their scratch standing last week as they became the first half champions in the Y-12 Archery League. Jim Kyle led individual scorers in scratch scoring with a robust 218 mark, he also posted the top handicap mark with 232. Kyle had the high scratch and handicap average for the first round of play with a 200 and a 219.5, respectively. Second place individual scoring honors went to Roy Hardy who posted 202 and 228.7 marks. Second high scratch average for the first half went to V. M. Reece with 186 and Hardy took second in handicap averages with 208.1.

League standings in both scratch and handicap scoring follows:

Team	Scr.	Han.
Broken Nochs	36	28
Bow Benders	29	29
Split Stumps	28	29
Quivers	27	29
Chiefs	20	25
Underdogs	6	6

Byrd-Stephens Top Men's Tennis Loop

Action in the Y-12 Men's Tennis Doubles saw Fischer-Horton top Johnson-Wyatt 6-1 and 6-2 last week. Laggis - Perry beat Gregory-Nicely 6-1 and 6-4 and won from Caudill-Disney 5-7, 6-1 and 6-4 before losing to Byrd-Stephens 6-4, 4-6 and 7-5. Byrd-Stephens beat Johnson-Wyatt 6-1 and 6-1.

League standing follows:

Team	W	L
Byrd-Stephens	4	0
Laggis-Perry	3	1
Fischer-Horton	2	1
Johnson-Wyatt	0	2
Caudill-Disney	0	2
Gregory-Nicely	0	2

Johnson-Whitman Top D-H Golf Loop

Johnson and Whitman posted a four-point whitewash win over Williams-Cleland last week to take first place in the Deane Hill Golf League. Susano-White dropped to second place with a two and one-half point loss to Bowles-Vincens. Schaich-Cain took three points from the Potts - Anderson duo while Odom-Keilholtz whitewashed Young-Corner. Emil Vincens fired 39 strokes for the low scratch score.

League standing follows:

Team	W	L
Johnson-Whitman	7 1/2	1 1/2
Susano-White	5 1/2	2 1/2
Schaich-Cain	5	3
Bowles-Vincens	4 1/2	3 1/2
Odom-Keilholtz	4 1/2	3 1/2
Williams-Cleland	3	5
Young-Corner	1	7
Potts-Anderson	1	7

Deane Hill Meet Starts At 6:30 A.M.

Schedule Observance Urged Of All Players

The attention of all Y-12 golfers intending to enter the fourth Y-12 Golf Tournament of the season, scheduled for Saturday, July 26, at the Deane Hill Golf and Country Club course, is called to the fact that tee-off time for the event starts promptly at 6:30 a.m. To expedite play, all players must be underway not later than 8:30 a.m.

Y-12 golfers also are reminded that all foursomes must communicate with the Recreation Department, Room 226, Bldg. 9704-2, as long before the tournament as possible, to arrange for starting times. Each group will be assigned a starting time, and players are urged to be ready at the first tee 10 minutes before the scheduled time to start. Any foursome late in arriving will be placed at the end of the starting list and the next scheduled starters allowed to begin play. Foursomes will be started eight eight minutes, beginning at 6:30 a.m.

Participants in the tournament should remember to observe all rules of golf etiquette while playing the course. Foursomes should play without delay whenever possible and players searching for a ball should allow other players coming up to pass them. Through the green, Y-12ers should ensure that any turf cut or displaced is replaced at once and pressed down.

Entrants in this tournament will be divided into four divisions, as in past similar events. Divisional placement will be by handicaps assigned on the morning of the tournament by the official scorer and after all contestants have teed off one-fourth of the players will be placed in each division. The usual golf ball prizes will be awarded the four low scratch and handicap scorers in each division and for the most and second most number of pars scored for 18 holes.

Spradlin-Knott Top Lenoir City League

The combo of Spradlin and Knott scored a three-point victory over Thompson and Rodgers to take the lead in the second round of play in the Lenoir City Golf League. A total of six teams are tied for second place as Harris-Hardy split three points with Henck - Clabough, B. Loveless-Houston split with Kinkaid-Hicks and Collins-Watson broke even with Gilliam-Gilliam. Stinnett-Ware and Loveless-Webster have not played their match as yet.

League standing follows:

Team	W	L
Spradlin-Knott	3	0
Harris-Hardy	1 1/2	1 1/2
Henck-Clabough	1 1/2	1 1/2
Loveless-Houston	1 1/2	1 1/2
Kinkaid-Hicks	1 1/2	1 1/2
Collins-Watson	1 1/2	1 1/2
Gilliam-Gilliam	1 1/2	1 1/2
Thompson-Rodgers	0	3
Stinnett-Ware	0	0
Loveless-Webster	0	0

Par Busters Lead Harriman Golf Loop

The Par Busters took advantage of a bye in the Harriman Golf League last week to maintain their hold on first place. The Hookers moved up in the standings by taking three and one-half points from the Hawks. Three-point victories were posted by the Grass Cutters over the Slicers and by the Sod Busters over the Duffs.

League standing follows:

Team	W	L
Par Busters	10 1/2	1 1/2
Hookers	9 1/2	6 1/2
Grass Cutters	9	3
Sod Busters	6 1/2	9 1/2
Hawks	4 1/2	7 1/2
Duffs	5	11
Slicers	3	9

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from Baltimore . . . Congratulations to **W. A. Inklebarger** on the arrival of a son, born July 7, weighing seven pounds and 13 ounces and named Douglas Allen. . . Get well wishes go to **Maxine Duke** and **Jack Bounds** who are in the hospital.

Product Processing sends word that **W. W. Welchel** is in Key West . . . **Thelma Bradshaw** is in Jacksonville and Miami . . . **Matty May** is also down Miami-way . . . **Florence Archer** is vacationing in Ohio and Indiana . . . **A. C. Smith** is vacationing in Bulls Gap, Tenn.

INDUSTRIAL RELATIONS

Word from the Blue and Gray boys has it that **A. G. Hardwick** is vacationing at home in LaFollette . . . **Lt. E. M. Hunnicutt** went to Myrtle Beach last week on vacation . . . **Capt. M. L. Woodard** is particularly enjoying his vacation here in Oak Ridge this week since his son, Ken, who is in service, is home on leave . . . **Capt. Raymond Ledford** is down in Palatka, Fla., for two weeks . . . **T. D. Ogle** and **A. J. Jeffers** left on vacation without telling a soul where they were going . . . Get well wishes go to **J. C. Hastings** who recently underwent surgery.

MAINTENANCE

Members of the Mechanical Maintenance Department extend deepest sympathy to **R. H. Singleton** whose father died recently . . . **C. C. Parson** is entertaining relatives at his home while on vacation . . . **F. S. Bowman** will be working with the Mrs. this week while on vacation.

TECHNICAL

Paul McRee, Radiation Control, is sightseeing in Washington, D.C., and "somewhere" in North Carolina this week . . . **Ray Whitehorn** is visiting relatives in West Tennessee, and plans to go to St. Louis to see those "rampaging" Cardinals before returning to Oak Ridge.

Mechanical Engineering tells of getting **Dick Wyrick** back after his lengthy assignment elsewhere in the plant . . . A couple of pats on the back go to **Carl J. Green** on the occasion of his son Lanny Alan being in Chicago with the Central High School band, representing the state of Tennessee at the Lions Club National Convention . . . And speaking of Chicago, the **Steve Adamskis** were in the "Windy City" for a big vacation last week. . . The **T. C. Swindells** enjoyed a surprise visit from their son Tommy who is 'way up in Detroit . . . Looks like the auto trading bug has been nibbling on **M. E. Clark**—nothing like a road-sized baby buggy, eh, Morris? . . . **Charles Chihasz** has bought a high-powered scope for his rifle—probably will be shooting into the next county now . . . **Jack Blackerby** joined the Proud Pop's Club with the birth of a seven pound, eight and one-half ounce bouncing baby boy.

Special Testing vacationers include **W. T. McBryde** who spent last week in Mississippi . . . **Mary Ballard** vacationed last week with her destination unknown . . . Goodbyes and best wishes were

Slow And Easy Sunshine Doses Prevent Burns

Take it slowly and sensibly to get that summertime tan which is health—and to avoid sunburn, which isn't.

Many Y-12ers now are outdoors—absorbing the rays of Old Sol. They are warned—and urged—to take small doses at first. Be extra careful to guard against prolonged exposure during the mid-day hours, when the sun's rays are strongest. It is the ultraviolet light rays that burn the skin, and a



severe sunburn can be suffered even on a cool day if the sun is bright.

The worst sunburns are obtained on beaches because the direct sunlight combines with the reflected glare from the sand and water, even on a hazy day.

Mid-morning and later afternoon are the best hours to acquire a gradual and safe tan. Keep the skin soft with lots of lotion and stay out only for brief periods—10 minutes, for instance, at first.

A mild sunburn can be relieved by applying a paste of ordinary baking soda and water. However, if the burn is severe and painful—be safe and consult a physician. Don't take a chance.

extended to **Wilma Simpson** and **LaVaughn Heath** who terminated last week . . . Proud Pop of the week is **W. D. Harman** whose son Richard Alexander was born on July 2.

Word from Laboratory Operations has it that **Nell Miller** vacationed at home in Oak Ridge last week . . . **Pauline Cain** divided her time between Chicago and Florida last week . . . **Bob Thornton** left without saying where he was going . . . Farewells and good wishes go with **Judy Butler** who terminated last week.

Ruth Cox of Production Analysis vacationed last week . . . **Irene Jenkins** is welcomed back to work after a recent illness . . . **Mark Rue** visited in Kingston last weekend . . . **Bob Addington** had in-laws visiting from Gate City, Va., during the long weekend . . . **Georgia Leonard** fished at Cove Lake over the Fourth . . . **Ann Bishop** went to Atlanta to visit relatives recently . . . **Eva Garrison** had visitors from Bowling Green, Ky., over the weekend and they all enjoyed a trip to the Smokies.

That's all for this time, folks—see you the next time the ole CC goes on vacation. Adios!

Super Highway Safety Urged On Vacations

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facility of movement if you understand the danger points of super-highway driving.

Speed Causes Trouble

Speed causes most of the trouble on superhighways—not just ordinary speed, but race track speed which the ordinary motorist seldom contends with. High speed does two things—it gives you less time to think and react in an emergency situation, and it increases the severity of an accident if one does occur. Authorities finally had to impose speed limits on the super roads, because the average driver just couldn't cope with upwards of 70 m.p.h. The limit now is 60 on many roads, and it is a recommended top speed whether there is a posted limit or not.

Don't get too conservative, however. Slow drivers cause trouble, too. Traffic experts agree that accidents result from what the engineers call conflicts in movement, and one way to have a conflict is to have some cars traveling a lot faster or slower than the average. So try to drive at about the same pace as traffic in general—neither passing nor being passed frequently.

Drive At Constant Speed

Such differences in speed cause one of the most common types of superhighway accident—the rear-end collision in overtaking and passing. Fast drivers close the gap on trucks, buses, and slower-moving cars much more quickly than they expect from their previous experience. Result—they swing out too late to clear the vehicle ahead or fail to see it in time at night.

Another common accident location is the interchange—the cloverleaf intersection or other means of entry and exit. These cause the speed differential that is so dangerous in fast traffic. A well-designed road should have an acceleration lane for entering cars so that they can reach the proper pace before merging with traffic. When traffic is heavy, however, entering cars must wait for a chance to break in, and are then forced to come into the traffic stream too slowly. Cars slow down in leaving, too, especially if the driver is uncertain of his route or of the design of the interchange. It is a good idea for through traffic to stay away from the right-hand lane when approaching an interchange. Then you won't be confronted suddenly with a rapidly-braking car leaving the road, or a slowly moving one pulling in front of you.

Speed makes it foolhardy to follow another car closely, as proved by the multiple chain reaction crashes that have occurred on superhighways. The interval of one car length for every 10 miles of speed is **not enough** on an expressway. So allow plenty of room for slowing and stopping. Remember—at 40 m.p.h. you car will go 44 feet between the time you see danger and you get your foot on the brake, then 84 additional feet to stop if your brakes are good. But at 70, it will take you 77 feet to get on the brake and 256 feet more to stop!

Stopping Is Dangerous

Stopping on a superhighway is dangerous because high speed cars often are unable to stop or veer out in time. This is especially true at night when cars may be traveling too fast to stop within the distance illuminated by headlights. Don't stop on a superhighway for frivolous reasons. If mechanical or other trouble forces a stop, get completely off the highway and send someone back at least 300 feet with a flashlight or flare.

Much has been written about highway hypnosis. While its importance as an accident cause never has been definitely measured, the trance-like state induced by mile after mile of effortless driving, of visual concentration on the car or tail-light ahead, and of listening to the drone of the motor and rush of wind undoubtedly



FLETCHER AT WATSON IS SHOWN RECEIVING his first Union Carbide Corporation pension check after his recent retirement. ADP Maintenance Superintendent A. A. Groppe, left, presented Watson with the check.

Rides Wanted, Offered

Ride wanted or will join carpool from Gravelston, Knox County, to any portal, H Shift. F. E. Wright, plant phone 7074, home phone MY 1-6328, Knoxville.

Two riders wanted for trip to Washington, D.C., on July 18. James Paschall, plant phone 7-8391, home phone 1490-J, Clinton.

Riders wanted from Blowing Springs and Clinton vicinity to any portal, straight days. W. C. Ward, plant phone 7749, home phone 1550-R-2, Clinton.

Ride wanted or will join carpool from North Hills Section, Knoxville, to West Portal, D Shift. H. W. Kirkland, plant phone 7924, home phone 5-0025, Knoxville.

Ride wanted from Lake City side of Clinton, Highway 25-W, to North Portal, straight days. F. G. Carden, plant phone 7445, home phone 56, Clinton.

Ride wanted or will join carpool from vicinity of East Village Supermarket to North Portal, straight days. George Kidd, plant phone 7-8407, home phone 5-6540.

dulls alertness. The alarms, dangers, and minor emergencies common to driving on old roads keep the instinct of self-preservation functioning; on the superhighway this animal awareness of danger is lulled and relaxed—too much. So play the radio, converse with passengers, play license plate poker, or do anything that will keep you from being mesmerized by steady, fast driving.

When seeking distraction, however, don't take your eyes from the road. The speed at which traffic is moving on expressways makes quick reaction to danger imperative.

Bad weather makes the superhighway no better than the ordinary road. It may even be worse, because some drivers still will be going too fast. Patches of fog and ice in shaded cuts through mountainous areas have brought many travelers to grief. There's nothing about the design of a superhighway that makes ice less slippery or fog less impenetrable. So watch out!

A Shifters To Picnic At Big Ridge July 17

Members of the A Shift and their families will hold a picnic tomorrow, Thursday, July 17, at Big Ridge State Park from 10 a.m. until 2 p.m. Each family that attends is asked to bring a covered dish and a dessert. Entertainment will include all types of games for the children, bingo, dancing, swimming and a host of recreational activities. Door prizes will also be awarded to some lucky guests.

Y-12ers In Foundry Have 15 Year Record

Continued from Page 1
be utilized in order to complete the job safely.

Safety Precautions Used

The Foundry Shop is actually a small-scale steel mill, as all of the functions of a large sized mill are performed. All patterns used in the making of molds are designed and produced out of wood in the Foundry Shop. The possibility of accidents occurring is high due to the type work carried on; however, the probability of an accident happening is almost nil as a result of the safety precautions that are taken by the members of the shop. The Foundry has been termed as one of the cleanest shops in the Y-12 Plant and cleanliness is difficult to maintain because of the type work performed. Almost every safety device known is utilized in some way by the members of the department in their everyday operations.

Even though cleanliness and the usage of safety devices are extremely important, the primary factor in the exceptional safety record is, as in all cases of safety, the personal safety habits that the individuals themselves employ. The members of the department take a great deal of pride, and justly so, in the quality of their work and the safe methods by which they perform their jobs. In order to achieve a safety record such as the present one, a tremendous amount of individual safety rules have been made and obeyed by all of the employees.

The string of accident-free hours is not over, the employees are continuing to work safely and they intend to extend the present record even further. It is the hope of the members of the Foundry Shop, and all Y-12 employees, that their record of never having a disabling injury will continue as long as the shop is in operation.

The safe practices of this department, one of the many in the plant which takes extreme pride in their work and safety achievements, should be an example to all Y-12ers in the performance of work throughout the plant. As has been emphasized many times in The Bulletin, the basis of a perfect safety record is individual responsibility in all matters of safety.

With the cooperation of the Foundry Shop and other departments in the area, the Y-12 Plant may continue on the road to another 5 million man-hour mark.

J. M. Case, Superintendent of the Mechanical Operations Division, and E. R. Watkins, General Machine Shops Superintendent, have complimented the members of the Foundry Shop on their exceptional record.

One good thing about silence is that it can't be repeated.